

What is claimed is:

1. A surgical microscope arrangement comprising:
  - a surgical microscope for viewing an object;
  - said surgical microscope having an objective defining an optical axis;
  - 5 a device for detecting the spatial position of points on said object; and,
  - said device including first and second image sensor units mounted on said surgical microscope so as to be mutually separated at a predetermined distance.
2. The surgical microscope arrangement of claim 1, said first image sensor unit including a first image sensor and a first imaging device for imaging said object onto said first image sensor; said second image sensor unit including a second image sensor and a second imaging device for imaging said object onto  
5 said second image sensor; and, said first and second imaging devices defining first and second imaging axes inclined with respect to said optical axis of said objective.
3. The surgical microscope arrangement of claim 2, wherein said first and second imaging devices are disposed at respective locations to the right and to the left of said objective.
4. The surgical microscope arrangement of claim 3, further comprising an evaluation unit connected to said first and second imaging sensors; and, said evaluation unit functioning to determine the spatial position of a point on said object relative  
5 to said surgical microscope from the following: the location of

said point in the image detected by said first image sensor; the location of said point in the image detected by said second image sensor; and, the spatial disposition of said first and second image sensors and the first and second imaging devices.

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